

Takes the place of BP0856084 (art.158 of the EPC)

PCT

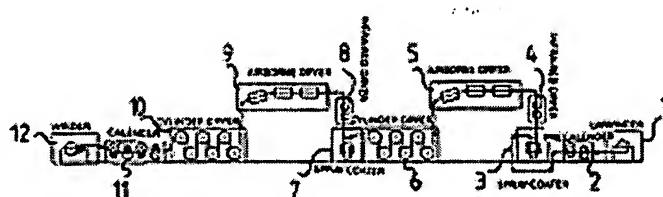
WORLD INTELLECTUAL PROPERTY ORGANIZATION  
*Internationale Übereinkommen*



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6:	A1	(11) International Publication Number: WO 97/13035
D21H 23/50		(43) International Publication Date: 10 April 1997 (10.04.97)
(31) International Application Number: PCT/FP95/0523		(81) Designated States: AU, BR, CA, JP, KR, US, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE)
(22) International Filing Date: 7 October 1996 (07.10.96)		
(30) Priority Data: 954745 5 October 1995 (05.10.95)	in	Published With international search report, In English translation (filed in Finnish)
(71) Applicant (for all designated States except US): VALMET CORPORATION (P.O. Box 6, FIN-00520 Helsinki FI).		
(73) Inventors and (75) Inventors/Applicants (for US only): KOSKINEN, Jukka (P.O. Box 6, Vehoniemi 39, FIN-04400 Jyväskylä (FI), KIRVESKARI, Erkki (P.O. Box 6, FIN-04400 Jyväskylä (FI)), HEIKKI, Jyrki (P.O. Box 6, FIN-04400 Jyväskylä (FI)), NISSINEN, Vilho (P.O. Box 6, FIN-04400 Jyväskylä (FI)), FIN-04400 Nummela (FI), KIRJUNEN, Jorma (P.O. Box 6, FIN-04400 Jyväskylä (FI)), Johan Söderholm (c/o B 22, FIN-00610 Helsinki (FI)), LLOOMI, Seppo (P.O. Box 6, FIN-04400 Jyväskylä (FI)).		
(74) Agent: LAINI, Seppo et al.; Seppo Laine Oy, Lontorintatila 19 A, FIN-00120 Helsinki (FI).		

(54) Title: METHOD AND APPARATUS FOR COATING A MOVING PAPER OR CARDBOARD WEB



(57) Abstract

The invention relates to a method of coating a moving web of paper or paperboard. In the method, the web to be coated is passed to a coating station, wherein a coat layer is applied to at least one surface of the web, and the web is dried at least to some degree and passed to the next treatment step. The coat is applied by spraying the coating mix on the web surface by means of high-pressure spraying nozzles, whereby the pattern width covered by a single nozzle is essentially narrower than the cross-machine width of the web being coated.

BEST AVAILABLE COPY